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ABSTRACT

This two-part report provides a source book of information on (a) federal health and nutrition legislation and programs, and (b) government and commercial agencies with nutrition and health education materials and instructional services available to the public. Part 1 describes the kinds of health and nutrition programs to be funded under ESEA Title IV, with emphasis on program legislation, regulations, and recommendations. Also covered are descriptions of two bills currently waiting Senate approval: (a) The National School Lunch and Child Nutrition Act Amendments of 1975., which would extend and revise the special food service program for children and the school breakfast program until September 30, 1978; and (b) the Comprehensive School Health Education Act, which would make grants available for teacher training, pilot and demonstration projects, and comprehensive school programs with respect to health education and health problems. Part 2 includes lists of the following sources of information: (a) members of the Senate Select Committee on Nutrition; (b) state curriculum guides on nutrition and health education; (c) studies funded by the Food and Nutrition Service, USDA; (d) Title VIII projects in health and nutrition; (e) government agencies; and (f) sources of commercial nutrition and health education materials. (JS)

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NUTRITION AND HEALTH

A Special Report by
The National Advisory Council on
Supplementary Centers and Services

April, 1975

SP009 227

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HEALTH AND NUTRITION PROGRAMS

Under Title IV, Elementary and Secondary Education Act

Starting in fiscal 1976, states have the option of approving Health and Nutrition Programs for funding under the new Title IV of the Elementary and Secondary Education Act (P.L. 93-380). Formerly these programs were authorized under Section 808 of ESEA Title VIII. As part of the changes authorized in the Education Amendments of 1974, however, Congress combined Health and Nutrition Programs with Title III (innovative programs), Section 807 of Title VIII (dropout prevention programs), and Title V (funds to strengthen state departments of education). In the legislation, the program appears as Part C of Title IV and is titled "Educational Innovation and Support."

Congress gives a brief, yet broad, description of the kinds of programs to be funded under the Health and Nutrition Programs. It says the states may approve proposals from local educational agencies for demonstration projects "designed to improve nutrition and health services in public and private elementary and secondary schools serving areas with high concentrations of children from low-income families."

The legislation mandates that the funded projects may include payment of the cost of:

1. coordination of nutrition and health service resources in the project area;

2. provision of supplemental health, mental health, nutrition and food services to children from low-income families when the available resources for such services are inadequate to meet the needs of such children;

3. training of professional and other school personnnel so they can provide the kind of nutrition and health services that meet the needs of children from low-income families;

4. evaluation of the effectiveness of the project, that is, whether or not they do in fact improve school nutrition and health programs for children from low-income families.

What the Regulations Say About Health and Nutrition Programs

The regulations governing Title IV of the Elementary and Secondary Education Act appeared in the March 12, 1975, issue of the Federal Register.* The regulations contain two stipulations regarding the approval of health and nutrition projects that are to be run by "a private educational organization."

Regulation 134b.20 says awards can only be made to such agencies if:

1. The organization administrates the project under a contract with a local educational agency.

2. The organization meets the following requirement:

   "Services shall be provided by employees of a public agency or through contract by such public agency with a person, an association, agency, or corporation who or which in the provision of such services is independent of such private school and of any religious organization, and such employment or contract shall be under the control and supervision of such public agency, and the funds (for the project)...shall not be commingled with state or local funds.

Guidance from USOE on Nutrition and Health Programs

In preparing to administer Title IV of ESEA, USOE has put together some tentative materials to provide guidance to state departments of education. One of these materials is the manual to help states complete an annual program plan (formerly referred to as the "State Plan.") The reader should keep in mind that the materials are tentative and probably will not be put in final form until after the regulations themselves are final.

Following is USOE's advice to the states on the funding of health and education programs as contained in the "unofficial" materials:

- Demonstration projects to improve health and nutrition services should demonstrate exemplary methods of organizing a system of

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* NOTE: The regulations, as published in the Federal Register, are subject to public comment for 30 days after publication and to comment by the Congress for 45 days. Any substantial changes in the regulations, as suggested by the public, must be submitted to Congress. The regulations are not considered to have the effect of law until they are published in "final" form in the Federal Register expected on or about May 15, 1975.

health, nutrition and related educational services. The project must involve school personnel in the project's target area, parents and programs or organizations in the community that provide health and nutrition services in the development of "a comprehensive school-based system of assessment and response to the health, nutrition and related educational needs of children from low-income families. As part of the project, the school should devise a means of early detection and removal of health and nutrition-related barriers to the child's optimum development. In addition, USOE recommends that a nutrition and health project should work with organizations or programs in the community, 'particularly federally assisted health, mental health and nutrition programs.'" The project's aim would be to get the organizations and programs to more effectively focus their services on children from low-income families and to provide supplemental health and nutrition services when either was found necessary.

- "Projects should be designed for continuous operation throughout the calendar year, except where local conditions warrant a partial reduction of services under the program, such as during the summer months."

How Funds Are To Be Spent

The USOE guidelines include specifics on how funds for health and nutrition education programs are to be spent. The main point contained in this section of the guidelines is that the demonstration programs must provide health, nutrition and mental health services designed to

overcome specifically identified health and nutrition-related problems of children from low income families. The funds provided must not supplant those available from another agency and the services provided must not simply replace those available to the school or target area from another agency.

What Must the LEA Application Contain?

The application from the local education agency for a health and nutrition project should contain the following information, according to USOE's guidelines:

- Evidence that the project proposal has been developed in consultation with representatives of appropriate community health agencies.
- A description of the health, mental health and nutrition services in the target area; evidence that the application has the concurrence of those agencies and organizations providing health, mental health, and nutrition services; and evidence of the extent to which such services will become available to the applicant if a grant is awarded.
- A description of how the available health care facilities and resources and nutrition resources in the target area will be coordinated in order to insure that children from low-income families in the area are provided comprehensive physical and mental health and nutrition services.
- A description of how school administrators, teachers and school health and nutrition personnel will be trained.
- A statement that the applicant will use the same standard of income (in determining eligible children) as is used by ESEA Title I.

What May Be Included in Health Services

The USOE guidelines say that health services provided under a Title IV project may include:

1. Complete physical examination for children in the target area.
2. Follow-up treatment including ambulatory and inpatient hospital care.
3. Consultation.
4. Periodic dental examinations and care.
5. Placement of additional health staff in the school.
6. Inservice training of professional and paraprofessional personnel.

What May Be Included in Mental Health Services

The mental health services, according to the USOE guidelines, may include:

1. Diagnostic Services.
2. Consultation with educational personnel concerning the emotional problems of the target population children.
3. Counseling.
4. "Preventive" mental health education or "psychological education."
5. Individual treatment.
6. Special programs for children in the target population who have pyschological or behavioral problems.
7. Placement of mental health workers in the schools.
8. Inservice training and workshops for the professional and paraprofessional personnel.

Note: The USOE guidelines say that services provided in the areas of health or mental health should, where possible, be paid by the agency providing the services or by "payment under the Medicaid program, Title XIX of the Social Security Act or other third party mechanisms."

What May Be Included in Nutrition Services

Nutrition services may be provided to schools that participate in the Department of Agriculture's Child and Family Feeding Programs. Children may be provided free or reduced price lunches and reduced price breakfasts where feasible. Special dietary needs of children may also be met. Projects may develop nutrition education curricula to be integrated into the school program and they may institute programs to educate families about nutrition and to inform them of federal food programs.

USOE also says that the target schools served by the project, in conjunction with "appropriate community agencies" should:

1. Develop learning activities "designed to assist eligible children having health and nutrition problems to participate more fully in the regular instructional program."

2. Provide assistance for eligible children with diagnosed health-related learning disabilities.

3. Provide "sequenced nutrition education experiences" at each grade level.

4. Provide "sequenced health education experiences" at each grade level.

5. Develop ways to improve the emotional climate of schools, including preventative mental health.

BILLS TO WATCH

Title: The National School Lunch and Child Nutrition Act Amendments of 1975

Bill Number: H.R. 4222 (formerly H.R. 3736), introduced on February 25, 1975, by Representatives Perkins, Quie, Meeds, Schroeder and Mottl.

The comparable bill in the Senate is S. 850, introduced by Sen. George McGovern.

Purpose: H.R. 4222 would "amend the National School Lunch and Child Nutrition Acts in order to extend and revise the special food service program for children and the school breakfast program, and for other purposes related to strengthening the school lunch and child nutrition programs." The amendments propose to extend the National School Lunch and Child Nutrition Programs through Sept. 30, 1978.

Administration's Proposal: The Administration has proposed that the current feeding programs be replaced by a system of block grants to the states.

Title: Comprehensive School Health Education Act

Bill Number: H.R. 2599, introduced on Feb. 3, 1975, by Representatives Meeds, Brademas, Won Pat, Edwards (of California), Ford (of Tennessee), Spellman, Brodhead, Chisholm, Harrington, Rodino, Stokes, Sarbanes, Burke (of California), Roybal, Bonker, Metcalfe, McCormack, Foley, Rose, Hechler (of West Virginia), and Holtzman.

The comparable bill in the Senate is S. 544, introduced by Sen. Dick Clark.

Purpose: The bill would authorize the Commissioner of Education "to make grants for teacher training, pilot and demonstration projects and comprehensive school programs, with respect to health education and health problems." The bill includes in its definition of "health education and health problems" the following: dental health, disease control, environmental health, family life and human development, human ecology, mental health, nutrition, physical health, safety and accident prevention, smoking and health, substance abuse, consumer health and venereal disease. The bill proposes that the Commissioner make

grants to state and local education agencies, institutions of higher education, other public or private nonprofit education or research agencies, institutions or organizations to support pilot demonstration projects in elementary and secondary schools. The Commissioner would be allowed to make grants to the state education agencies to develop comprehensive programs in elementary and secondary schools and to assist local education associations in implementing such programs.

The Select Committee on Nutrition and Human Needs

One of the best sources of information on nutrition and health is the Select Committee on Nutrition and Human Needs of the U.S. Senate. Following are the members of the Committee:

George McGovern, South Dakota, Chairman
Herman E. Talmadge, Georgia
Philip A. Hart, Michigan
Walter F. Mondale, Minnesota
Edward M. Kennedy, Massachusetts
Gaylord Nelson, Wisconsin
Alan Cranston, California
Hubert H. Humphrey, Minnesota
Kenneth Schlossberg, Staff Director

Charles H. Percy, Illinois
Marlow W. Cook, Kentucky
Robert Dole, Kansas
Henry Bellmon, Oklahoma
Richard S. Schweiker, Pennsylvania
Robert Taft, Jr., Ohio

Following are the list of publications resulting from the hearings conducted by the Committee and from the work of the National Nutrition Policy Study, under the direction of Dr. Jean Mayer, Professor of Nutrition at Harvard University. (All publications are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.)

Committee Prints (93d Congress, 2d Session)

To Save the Children.
Publications List and Witness Reference.
Index to Hearings During 93d Cong., 1st Sess.
Food Price Changes, 1973-74, and Nutritional Status--Part I.
Reference Material to Part I--Food Price Changes.
Food Program Technical Amendments.
National Nutrition Policy, working papers:
- The Food Industry--Its Resources and Activities in Food Production and Nutrition.
- Guidelines for a National Nutrition Policy.
- National Nutrition Policy Experiences.
- Nutrition and the International Situation.
- Nutrition and Food Availability.
- Nutrition and the Consumer.
- Nutrition and Health.
- Nutrition and Government.

State Curriculum Guides on Nutrition Education and Health Education

Following is a list of curriculum guides on Nutrition Education and Health Education available from individual state departments of education. The list was compiled by the Nutrition Education and Training Group of the Food and Nutrition Service, U.S. Department of Agriculture, 500 - 12th Street, S.W., Washington, D.C. 20250.

I. Guides for Nutrition Education

Arizona

Nutrition and Food, 1973. Arizona Department of Education, Division of Vocational Education, Home Economics Education, 1535 W. Jefferson, Phoenix, Arizona 85007. 216 pages. A resource for teachers and community members to design their own curriculum around nutritional needs.

California

Nutrition in the Classroom, 1967. Bureau of Food Services, California State Department of Education, Sacramento, Calif. 95814. 48 pages. Includes objectives and approaches to help the elementary school teacher in planning nutrition education activities for grades one through six.

The Lunch Program in the School Curriculum, 1969. Little Lake City School District, 10515 S. Pioneer Blvd., Santa Fe Springs, Calif. 90670. 6 pages. Nutrition lessons for pupils in grades K-8 developed during the 1962-63 school year.

The Missing Link; Nutrition Education--An Exciting Adventure, 1969. Little Lake City School District, 10515 S. Pioneer Blvd., Santa Fe Springs, Calif. 90670. 12 pages. Examples of teachers' responses to integrating nutrition education activities into the school curriculum.

Nutrition Lessons, 1974. Prepared by California School Food Service Association. Publications, American School Food Service Association, 4101 E. Iliff Ave., Denver, Colorado 80222. $3.75; 89 pages.

Colorado

Nutrition Guide for Teachers, 1962. Colorado State Department of Education, State Office Building, Denver, Colorado 80203. 22 pages.

Delaware

Fun With Food Facts, A Teacher's Guide for Nutrition Education, Kindergarten--Third Grade. State of Delaware, Department of Public Instruction, Dover, Delaware 19901. 18 pages.

Georgia

Boyd, Fannie Lee, A Resource Handbook for Teaching Nutrition in the Elementary School, 1970. Department of Home Economics Education, College of Education, University of Georgia, Athens, Ga. 30601. $1.25. 30 pages. Designed to help the teacher of nutrition in choosing goals, concepts and learning opportunities for various grade levels. Included is a section on working with the School Food Service Manager.

Sloan, Sara F., A Guide for Food Service Managers Working with Teachers on Nutrition, 1969. Georgia Department of Education, School Food Service Unit, 156 Trinity Ave., S.W., Atlanta, Ga. 30303. $1.00. 28 pages.

Louisiana

Nutrition Education in the Elementary School, 1967. School Food Service, P.O. Box 44064, Baton Rouge, La. 70804. $1.00. 48 pages. Contains suggested learning situations and resource materials.

Massachusetts

Focus on Nutrition, A Teacher's Handbook for Nutrition Education, Grades Kindergarten through Six, 1970. Bureau of Nutrition Education and School Food Services, Department of Education, Commonwealth of Massachusetts, Boston, Mass. 02111. $3.95. 69 pages. An in-service training manual and reference source for elementary school teachers; a curriculum guide for integrating nutrition education into many subject areas.

Focus on Nutrition, A Teacher's Handbook for Nutrition Education, Grades Seven through Twelve, 1973. Bureau of Education and School Food Services, Dept. of Education, Commonwealth of Massachusetts, Boston, Mass. 02111. Tentative cost $2.50. 153 pages.

Missouri

Nutrition Education in the Elementary Schools. Health and Welfare Committee, Missouri Home Economics Association, Dept. of Public Health and Welfare, Jefferson City, Mo. 65101. 36 pages. Guide for elementary and home economics teachers on nutrition appropriate for children at three grade levels--lower, middle and upper elementary.

Nebraska

Eat Smart, Nebraska Special Education Kit II, Nutrition Primary Level Ages 6-9 (accompanying Coded Card File), 1970. Dept. of Education, State of Nebraska, Lincoln, Neb. 68508. 134 pages. Day-to-day lesson planning for teachers of educable mentally handicapped.

Food, Life Depends On It, 1970. Westside Community School, 909 76th St., Omaha, Neb. 68114. $2.00. 33 pages. Concepts, objectives, and learning experiences for different grade levels.

Nevada

A Guide for Teaching Nutrition in the Elementary Schools, 1973. Washoe County School District, 425 E. Ninth St., Reno, Nev. 89502. 127 pages. Suggests teacher-student activities by grade level and subject area.

New Hampshire

Nutrition in Action: An Outline for a Seminar Course in Nutrition for Teachers and School Health Educators, 1972. New Hampshire Dept. of Education, Division of Administration, Child Feeding Service, Concord, N.H. 03301. 91 pages.

New Mexico

Nutrition Education, 1970-71. Santa Fe Public Schools, Santa Fe, N.M. 88750. 37 pages. A guide to teaching nutrition education in correlation with health, science, language, art and social studies.

North Carolina

Nutrition Education, Kindergarten through Third Grade, 1971. Consumer and Homemaking Education, Division of Occupational Education, State Dept. of Public Instruction, Raleigh, N.C. 27602. 44 pages. Objectives are acceptance of a wide variety of foods and understanding of the relation of food to health and growth. Appendix lists instructional media resources.

Ohio

Units in Nutrition for the Elementary School, 1969. State Dept. of Education, School Food Service Program, 751 Northwest Boulevard, Columbus, Ohio 43212. 76 pages. Limited supply.

Oklahoma

Food-One Key to Good Health, 1971. Nutrition Dept., School Lunch Division, Oklahoma State Dept. of Education, Oklahoma City, Okla. 73105. 7 pages. Coordinates nutrition principles into elementary education.

Nutrition and Health K-3, 1974. School Lunch Section, Oklahoma State Dept. of Education, Oklahoma City, Okla. 73105. 35 pages. A curriculum for teaching nutrition and health in grades K-3.

Keys To Initiating a School Nutrition Education Program, 1974. Oklahoma State Dept., Instruction Division, School Lunch Section, Oklahoma State Dept. of Education, Oklahoma City, Okla. 73105. 7 pages.

Pennsylvania

Activating a Nutrition Education Program in Pennsylvania Schools, 1965. Commonwealth of Pennsylvania, Harrisburg, Pa. 17126. 43 pages. Provides concepts for teachers to initiate a nutrition education program.

South Carolina

Nutrition Education Handbook, 1970. School Food Service, State Dept. of Education, Columbia, S.C. 29201. 19 pages. Basic nutrition facts to aid in formulating good food habits.

Utah

Benzley, Jane, Food and Nutrition for Elementary Grades K-6, 1970. Dept. of Home Economics, Salt Lake Board of Education, 440 East First S., Salt Lake City, Utah 84111. $3.00.

Washington

Nutrition Education Guide. Edmonds School District #15, Edmonds, Wash. 98020. 34 pages. Attempts to relate adequate and nutritious food to the total education process.

West Virginia

School Lunch and the Curriculum (A Teacher's Handbook). West Virginia Dept. of Education, Charleston, W.Va. 25305. 108 pages. Suggested activities and learning experiences, K-12.

Ellis, Anita and Faith Gravenmier. Nutrition Education...Whose Job, 1974. West Virginia Dept. of Education, Charleston, W. Va. 25305. 53 pages. The role of the Administrator, Teacher, School Food Service Administrator, Parent, Child and Aide in Nutrition Education.

II. Guides for Health (includes a nutrition component)

California

Framework for Health Instruction in California Public Schools, K-12, 1970. Accession Number EDO-47-985. ERIC Document Reproduction Service, Leasco Information Products, Inc., P.O. Drawer O, Bethesda, Md. 20014. $.65/copy or $3.29/hard cover. Developing a relevant program of health instruction for grades K-12. Behavioral objectives are included for each grade-level concept.

Colorado

K-12 Health Instruction Guide for Colorado Schools, 1969. Colorado Dept. of Education, Denver, Colo. 80203. $1.50. 50 pages. Each unit includes specific aims and objectives; outlines of content; activities and experiences; and resource materials.

Indiana

A Guide for Health and Safety Education, 1968 Revision. State Office Bldg. Bulletin #219, Department of Public Instruction, Indianapolis, Ind. 46204. 328 pages. Limited supply.

Maryland

Health Education--A Curricular Approach to Optimal Health, Volume I and II (K-12), 1973. Maryland State Dept. of Education, Division of Instruction, Baltimore, Md. 21207. $9.00. 356 pages.

Missouri

A Guide for Health Education, Grades 9-12, 1961. State Dept. of Education, Jefferson Bldg., Jefferson City, Mo. 65101. 72 pages. Learning experiences designed to influence knowledge, attitudes and practices as related to the individual and community health.

Nevada

Comprehensive Health Education for Elementary Schools, 1973-1974. Comprehensive Health Education for Secondary Schools, 1973-74. Nevada State Dept. of Education, Carson City, Nevada 89701. Basic concepts and suggested teacher-student activities.

New York

The University of the State of New York, Bureau of Elementary Curriculum Development, The State Education Dept., Albany, N.Y. 12224. A five-strand approach to health education. Four of the five strands deal with nutrition.
Strand I, Physical Health, Substrand Nutrition, Grades K-3, 1969. 28 pages. Directed toward developing positive attitudes toward food and understanding the relation of food to health and growth.
Strand I, Physical Health, Substrand Nutrition, Grades 4,5,6, 1969. 57 pages. Helping the student to discover how food is related to health and growth.
Strand I, Physical Health, Substrand Nutrition, Grades 7,8,9, 1969. 28 pages. Dental health for grades 7, 8, 9. When completed, Strand I-Physical Health will contain information on individual health status and fitness, nutrition, and sensory perception.

Strand I, Physical Health, Substrand Nutrition, Grades 10,11,12, 1969. 86 pages. Units on nutrition problems in developing countries, hunger in the United States, obesity in an affluent society, prenatal and infant nutrition, and current nutrition research.

Oklahoma

Human Adjustment to Growth and Development, 1966. Tulsa Public Schools, Tulsa, Okla. 74103. 196 pages. Ways in which nutrition education can be made more effective in the school, home, and community for elementary, intermediate, junior high and senior high students and adults.

South Carolina

Guide for the Teaching of Health Grades K-12, 1968. State Dept. of Education, Rutledge Building, Columbia, S.C. 29201. 96 pages. Gives practical suggestions on the teaching of health.

Washington

Curriculum Planning for Health Instruction, 1971. Superintendent of Public Instruction, P.O. Box 527, Olympia, Wash. 98504. 51 pages. Gives concepts, objectives, learning experiences and resources for the development of a health instruction curriculum.

(Working copy) Health Education Guide to Better Health, Grades K-6, 1966. Washington Department of Public Instruction, Olympia, Wash. 98501. 221 pages. Serves as a flexible resource for schools and teachers planning classes and lessons in health instruction. Guide is sequentially prepared with materials related to student's health needs and interests.

(Working copy) Health Education Guide to Better Health, Grades 7-12, 1966. Washington Department of Public Instruction, Olympia, Wash. 98501. 310 pages. Serves as a flexible resource for schools and teachers planning classes and lessons in health instruction. Guide is sequentially prepared with materials related to student's health needs and interests.

FOOD AND NUTRITION SERVICE, USDA

Studies funded by the Food and Nutrition Service of the U.S. Department of Agriculture delve into nutrition education and training. Some studies have been completed; others are in the works. The Food and Nutrition Service cautions that it assumes no responsibility for the findings and that the studies do not reflect the "official" position of the U.S. Dept. of Agriculture. "Proceedings" of the studies are available on a loan basis from the Food and Nutrition Information and Materials Center, National Agricultural Library, Room 304, Beltsville, Md. 20705.

Following is a brief description of completed studies:

Seminars for School Food Service Supervisors

1. Kansas State University, May 1971 to November 1973.

2. University of Wisconsin, May 1971 to June 1972.

3. Florida Agricultural and Mechanical University, Tallahassee, May 1971 to May 1972.

4. Pennsylvania State University, May 1971 to May 1972.

5. Utah State University, Logan, April 1971 to January 1972.

   At each seminar, 100 school food service supervisors participated in two-week training sessions. Purpose: how to operate food program; nutrition education.

Seminars for Teachers

1. West Virginia Department of Public Instruction, May 1971 to October 1972.

   Workshops to bring together teacher, teachers aides, school food service personnel and parents. Purpose: To present information on nutrition, health and existing curriculum to 150 persons involved in early childhood education programs.

2. Minnesota Department of Education, Moorhead State College and Minnesota Health Department, Dec. 1-Dec. 16, 1971.

   A workshop for 59 elementary and secondary school teachers to update them on nutrition education at various grade levels.

Nutrition Education Specialist Project

Six states, Alabama, Arkansas, California, Nebraska, New York, and Pennsylvania, were given funds to employ a nutrition education specialist to work

on nutrition problems and the coordination of nutrition practices at the state and local levels. The projects took place from January 1973 to January 1974.

Nutrition Education in Early Childhood Education

1. National Urban League

   Two manuals were developed to describe and explain the operation of a nutrition education program in a Model Day Care Center in Philadelphia. The program operated between June 1971 and June 1974.

2. Whatcom-Skagit Rural Opportunities Council, Whatcom-Skagit Counties, Washington

   A nutrition education program was planned and implemented for Mexican-American migrant children in a day care center at the Allen School, Mt. Vernon, Wash.

TV Series on Nutrition, Food for Youth

1. New England States Education Council, Inc.

   Development of a television series and study guide to be used in teaching nutrition education to school food service employees. The ten 30-minute tapes and a study guide were developed by the New England States Education Council in conjunction with WGBH Educational Foundation of Boston and Harvard School of Public Health. The series is available to interested states; contact the Food and Nutrition Service, USDA.

Development of Standards for Certification as School Food Service Workers

1. North Carolina Department of Public Instruction

   Student training manuals and standards for certification of school food service workers were developed, tested, revised and distributed to all states, with completion of the project in December 1974.

Teaching the Trainers of Teachers How To Teach

1. The American School Food Service Association

   In a one-week institute at the Oklahoma Center for Continuing Education, 16 training packages were developed and participants were instructed in how to teach nutrition education.

CURRENT STUDIES AND PROJECTS

Following are the projects now being funded by the Food and Nutrition Service, USDA:

1. Washington, D.C., Department of Human Resources
   Purpose: To develop a series of short nutrition education films on the School Lunch Program, nutrients and introducing new foods to children.

2. Louisiana State Department of Education
   Purpose: To develop a nutrition education program that will result in increased consumption in the Child Nutrition Programs.

3. Massachusetts State Department of Education
   Purpose: To increase food consumption in the Child Nutrition Programs among two bilingual groups, the Spanish-speaking and the Portuguese.

4. Minnesota State Department of Education
   Purpose: To develop a nutrition learning center that features "action oriented" learning experiences.

5. New Mexico State Department of Education
   Purpose: To develop a 30-minute telecast on nutrition education to be broadcast to parents in rural mountainous regions in co-operation with USOE's Satellite Technology Demonstration project.

6. Pennsylvania Department of Education
   Purpose: To make the School Lunch Program more effective through the use of lunchroom aides. They will be trained in how to increase participation, reduce plate waste, enhance the lunchroom environment and reduce disciplinary matters.

7. Department of Education, Puerto Rico
   Purpose: To develop a model program in nutrition education.

Five additional State Departments of Education received grants for nutrition education projects: Alabama, California, Montana, Nebraska and West Virginia. Alabama is preparing elementary teachers in pilot school systems to use new curriculum materials in nutrition education. California is continuing and adding to a project started in 1973-74. Sixteen school districts, with 10,000 children, are participating in the research project. The aim is to improve food habits of school-children. Montana is working on the development of a comprehensive nutrition education program for the state's students, and Nebraska is implementing nutrition education programs in five school districts. In West Virginia, the Department of Education will assist local school systems in developing and implementing a sequential nutrition education program for elementary children.

An overall study of state policies, procedures, practices and opinions on nutrition education is being conducted by the Education Commission of the States, a Denver-based consortium of 45 states.

A listing of "Food and Nutrition Related Publications Published by Federal Government Agencies other than the Food and Nutrition Service" is available from the Nutrition Education and Training Group, Nutrition and Technical Services Staff, Food and Nutrition Service, U.S. Department of Agriculture, Washington, D.C. 20250.

TITLE VIII PROJECTS IN HEALTH AND NUTRITION

Below is a listing of the contact persons and addresses of Sec. 808, Title VIII, projects that have been funded by the U.S. Office of Education. The contact person in USOE is Ms. Elsa Schneider.

Mrs. Harriet Cloud, Director
Nutrition Division
Center for Dev. Mental and
Learning Disorders
University of Alabama
Birmingham, AL 35233
(205)934-5401

Mrs. Winnie Brown, Director
Huntsville City School System
3405 Triana Boulevard
Huntsville, AL 35805
(205)534-6645

Dr. Reginald Barr, Director
Tucson School District #1
1010 E. Tenth Street
Tucson, AZ 85719
(602)791-6243

Mr. Gary Forster, Director
Orleans Parish School Board
Thomy LaFon Elementary School
2601 Seventh Street
New Orleans, LA 70115
(504)899-2338

Mr. William Campbell, Director
Harrison School
1500 Fourth Avenue N.
Room 101
Minneapolis, MN 55405
(612)377-9802

Mrs. Valorie G. Brice, Director
1211 McGee
Room 911
Kansas City, MO 64106
(816)221-7565 x268

Mr. Tom Peck, Director
Browning Public School
District #9
Health and Nutrition Project
Browning, MT 59417
(406)338-2891

Mr. Alvin Finkelstein, Director
District Health Resource Center
1070 E. 83rd Street
Brooklyn, NY
(212)241-5761

Ms. Betty Richey, Director
Garfield School
925 Dilger Street
Rapid City, SD 57701
(605)343-9038

* Dr. Robert Blackburn
Superintendent of Schools
SHANS Office
1025 Second Avenue
Oakland, CA 94606
(415)836-2622 x650

* Dr. Merle R. Bolton
Superintendent of Schools
Topeka Public Schools
Health & Nutrition Project
Instructional Resource Center
1601 Van Buren
Topeka, KS 66612
(913)232-7741

* Dr. Irving Anker
Superintendent of Schools
New York City Board of Education
Community School District #3
270 West 70th Street
New York, NY 10023
(212)873-6410

* Dr. Lew W. Hannen
Superintendent of Schools
Durham City Schools
Post Office Box 2246
Durham, NC 27702
(919)688-2361 x223

* Dr. John Maxwell
Superintendent of Schools
Dayton Board of Education
348 West First Street
Dayton, OH 45402
(513)461-3850

* Dr. Walter Trammell
Superintendent of Schools
Beaufort County Schools
Post Office Drawer 350
Beaufort, SC 29902
(803)524-2660

* Mr. Frank J. Vollert
Superintendent of Schools
Galveston Independent School District
Post Office Drawer 660
Galveston, TX 77550
(713)765-9366

* Dr. Albert L. Ayars
Superintendent of Schools
Norfolk City Schools
800 East City Hall Avenue
Room 1008
Norfolk, VA 23510
(804)441-2639

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* Completed Federal support during FY 1974

Government Agencies
Sources of Information on Nutrition and Health

Agency

A. U.S. Department of Agriculture
Independence Avenue, S.W.
Washington, D.C. 20250

1. Agricultural Research Service
Consumer and Food Economics Institute
Federal Center Building I
Hyattsville, Maryland 20782

2. Nutrition Institute
Human Nutrition Laboratory
Agricultural Research Center East
Beltsville, Maryland 20705

3. Cooperative State Research Service
Administration Building
Independence Avenue, S.W.
Washington, D.C. 20250

4. Economic Research Service
500 - 12th Street, S.W.
Washington, D.C. 20250

5. Extension Service
Division of Home Economics
South Building
Washington, D.C. 20250

6. Food and Nutrition Service
500 - 12th Street, S.W.
Washington, D.C. 20250

B. U.S. Department of Commerce
14th Street, N.W.
Washington, D.C. 20230

1. National Oceanic & Atmospheric Administration
National Marine Fisheries Service
P.O. Box 128
College Park, Maryland 20740

C. U.S. Department of Defense
Department of the Army
Forrestal Building
Washington, D.C. 20314

1. Office of The Surgeon General
   Preventive Medicine Division
   Forrestal Building
   Washington, D.C. 20314

D. U.S. Department of Health, Education and Welfare
   3rd and Independence Avenue, S.W.
   Washington, D.C. 20201

   1. Office of Child Development
      Bureau of Head Start and Child Development
      Parklawn Building, 5600 Fishers Lane
      Rockville, Maryland 20852

   2. Office of Education
      Division of Vocational Technical Education
      400 Maryland Avenue, S.W.
      Washington, D.C. 20202

   3. Office of Drug Education
      Health and Nutrition Programs
      400 Maryland Avenue, S.W.
      Washington, D.C. 20202

   4. Public Health Service
      Parklawn Building, 5600 Fishers Lane
      Rockville, Maryland 20852

      Food and Drug Administration
      Division of Nutrition
      Food and Nutrition Resource Branch
      Federal Office Bldg. 8, 200 C Street, S.W.
      Washington, D.C. 20024

   (Health Services and Mental Health Administration)

   a. Center for Disease Control
      Nutrition Program
      Atlanta, Georgia 30333

   b. Community Health Service
      Division of Medical Care Standards
      Parklawn Building, 5600 Fishers Lane
      Rockville, Maryland 20852

   c. Indian Health Service
      Parklawn Building, 5600 Fishers Lane
      Rockville, Maryland 20852

   d. Maternal and Child Health Service
      Division of Health Services
      Parklawn Building, 5600 Fishers Lane
      Rockville, Maryland 20852

e. National Center for Health Statistics
Division of Health Examination Statistics
Parklawn Building, 5600 Fishers Lane
Rockville, Maryland 20852

5. National Institutes of Health
National Institute for Arthritis, Metabolism, and Digestive Diseases
Westwood Building, 9000 Rockville Pike
Bethesda, Maryland 20014

6. Social and Rehabilitation Service
South HEW Building, 330 C Street, S.W.
Washington, D.C. 20201

E. U. S. Department of State
2201 C Street, N.W.
Washington, D.C. 20523

1. Agency for International Development
Technical Assistance Bureau
320 - 21st Street, N.W.
Washington, D.C. 20523

F. Office of Economic Opportunity
1200 - 19th Street, N.W.
Washington, D.C. 20506

1. Special Programs Division
Office of Operations
1200 - 19th Street, N.W.
Washington, D.C. 20506

G. Action
806 Connecticut Avenue, N.W.
Washington, D.C. 20525

1. Office of International Operation
806 Connecticut Avenue, N.W.
Washington, D.C. 20525

H. American National Red Cross
17th between D & E Streets, N.W.
Washington, D.C. 20006

I. The President's Council on Physical Fitness and Sports
Donohoe Building, 400 - 6th Street, S.W.
Washington, D.C. 20201

*For more information on the purpose, organizational structure, and function of all federal departments, agencies, commissions, committees, etc., you may wish to consult U.S. Government Manual 1973/74. It's available annually from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, price: $4.95.

SOURCES OF INEXPENSIVE OR FREE NUTRITION AND HEALTH EDUCATION MATERIALS AVAILABLE FROM COMPANIES

Armour and Company
Consumer Service Department
Post Office Box 9222
Chicago, Illinois 60690

Ball Brothers Company, Inc.
Consumer Service Department
Muncie, Indiana 47302

Blue Goose, Inc.
P.O. Box 46
Fullerton, California 92632

The Borden Company
Public Relations Department
350 Madison Avenue
New York, New York 10017

Campbell Soup Company
Food Service Products Division
375 Memorial Avenue
Camden, New Jersey 08101

Carnation Company
Home Service Department
5045 Wilshire Boulevard
Los Angeles, California 90036

Corn Products Company
Medical Department
International Plaza
Englewood Cliffs, New Jersey 07632

Dow Chemical Company
2040 Dow Center
Midland, Michigan 48640

General Foods Consumer Center
250 North Street
White Plains, New York 10602

General Mills, Incorporation
9200 Wayzata Blvd.
Minneapolis, Minnesota 55440

H. J. Heinz Company
Marketing Division
Pittsburg, Pennsylvania 19280

Household Finance Corporation
Money Management Institute
Prudential Plaza, Suite 3200
Chicago, Illinois 60601

Hunt Wesson Foods
Education Services
1645 West Valencia Drive
Fullerton, California 92634

Kellogg Company
Department of Home Economics Services
Battle Creek, Michigan 49016

Kerr Glass Manufacturing Corporation
Research and Educational Department
Consumer Products Division
Sand Springs, Oklahoma 74063

Leslie Foods, Incorporated
Home Economics Department
Consumer Services
505 Beach Street
San Francisco, California 94133

Mead Johnson and Company
Product Public Relations
Evansville, Indiana 47712

Metropolitan Life Insurance Company
Health Education Editor
1 Madison Avenue
New York, New York 10010

National Biscuit Company
425 Park Avenue
New York, New York 10022

The Nestle Company, Incorporated
Home Economics Department
100 Bloomingdale Road
White Plains, New York 10605

Ocean Spray Cranberries, Incorporated
Consumer Relations Department
Hanson, Massachusetts 02341

Pacific Coast Canned Pear Service, Inc.
217 Sixth Avenue, North
Seattle, Washington 98109

Pacific Vegetable Oil Corporation
Saffola Products Division
World Trade Center
San Francisco, California 94111

Pet Incorporated
Consumer Information
Arcade Building
St. Louis, Missouri 63166

The Procter & Gamble Company
P.O. Box 599
Cincinnati, Ohio 45201

The Quaker Oats Company
Home Economics Department
Merchandise Mart Plaza
Chicago, Illinois 60654

Reynolds Metals Company
Home Economics Department
19 E. 47th Street
New York, New York 10017

Sunkist Growers, Inc.
Consumer Service Dept. 49
Box 2706, Terminal Annex
Los Angeles, California 90054

Swift and Company
Public Relations Department
115 W. Jackson Blvd.
Chicago, Illinois 60604

Universal Foods Corporation
Red Star Yeast
Home Service Department
433 E. Michigan Street
Milwaukee, Wisconsin 53201

United Fruit Sales Corporation
Subsidary of United Fruit Company
Consumer Services
Prudential Center
Boston, Massachusetts 02199

Wear-Ever Aluminum, Incorporated
Subsidary of Alcoa
Public Relations Department
1089 Eastern Avenue
Chillicothe, Ohio 45601